Atty Dkt No. UDL 0173 PUSA

S/N: 10/595,612

Reply to Office Action of April 14, 2009

**Amendments to the Claims:** 

This listing of claims will replace all prior versions, and listings, of claims in the

application:

1. (Currently Amended) A fall arrest system comprising a fixed vertical

cable pre-tensioned between an upper anchor point and a lower anchor point and a vertical

cable mounted between the anchor points, and further comprising including a first energy

absorbing means associated with the upper anchor point to control the shock load applied to

the upper anchor point in the circumstance of a fall arrest event.

2. (Original) A fall arrest system according to claim 1, in which the first

energy absorbing means is adapted to control the load applied to the upper anchor point.

3. (Original) A fall arrest system according to claim 1, and further comprising

a fall arrest device mounted on the vertical cable and a second energy absorbing means

associated with the fall arrest device, in which the second energy absorbing means is adapted

to control the load experienced by a user and the first energy absorber is adapted to control the

load applied to the upper anchor point.

4. (Previously Presented) A fall arrest system according to claim 1, in which

the lower anchor point is arranged to provide an additional extension of the system.

5. (Original) A fall arrest system according to claim 4, in which the lower

anchor point includes a slip element.

6. (Original) A fall arrest system according to claim 4, in which the lower

anchor point is deformable.

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- 7. (Previously Presented) A fall arrest system according to claim 1, in which the upper and lower anchor points are at the upper and lower ends of the cable.
- 8. (Previously Presented) A fall arrest system according to claim 1 and further comprising a fall arrest device arranged for movement along the cable.
- 9. (Original) A fall arrest system according to claim 8, in which the fall arrest device comprises an energy absorbing means.
- 10. (Previously Presented) A fall arrest system according to claim 1 and further comprising one or more cable guides.
- 11. (Currently Amended) A fall arrest system according to claim 4, in which the additional extension of the system is provided by a [[third]] second energy absorbing means associated with the lower anchor point.
- 12. (Currently Amended) A fall arrest system according to claim [[1]] 11, in which at least one of the energy absorbers is resilient.
- 13. (Original) A fall arrest system according to claim 12, in which said resilient energy absorber is a spring.
- 14. (Currently Amended) A fall arrest system according to claim [[1]] 11, in which at least one of the energy absorbers includes a plastically deformable element.

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15. (New) A fall arrest system comprising a fixed vertical cable mounted pretensioned between an upper anchor point and a lower anchor point, and further including an energy absorber element associated with the upper anchor point to control the shock load applied to the upper anchor point in the circumstance of a fall arrest event, wherein the energy absorber element comprises a plastically deformable extension energy absorber element which, in the event of a fall arrest event is deployed undergoing plastic deformation.